

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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SECRETARY

JOHN AUERBACH
COMMISSIONER

2/27/2012

Andrius Knasas
Assistant District Attorney
Suffolk County District Attorney's Office

Dear ADA Knasas,

Enclosed is the information you requested in regards to item # [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Kate Corbett
2. Drug Analysis Laboratory Receipt.
3. Control Card with analytical results for sample # [REDACTED]
4. Analysis sheet with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for sample # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

Additional Training and Laboratory Experience

- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2008 – 2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. [REDACTED] Date Analyzed:
City: Boston D.C.U. Police
Officer: P.O. SYBIL WHITE

2/10/12

Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 4 Cont: pb

Date Rec'd: 09/09/2011 No. Analyzed: 1

Gross Wt: 5.806 Net Wt: 0.12g (8 pb tested)
#Tests: 6

Prelim. Cocaine (HLL) Findings:

• 2 KAF
Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY BostonANALYST HLLNo. of samples tested: 1Evidence Wt. OKPHYSICAL DESCRIPTION:Gross Wt (4): 0.6862gGross Wt (1): 0.1790g

Pkg. Wt: _____

Net Wt: 0.1215g

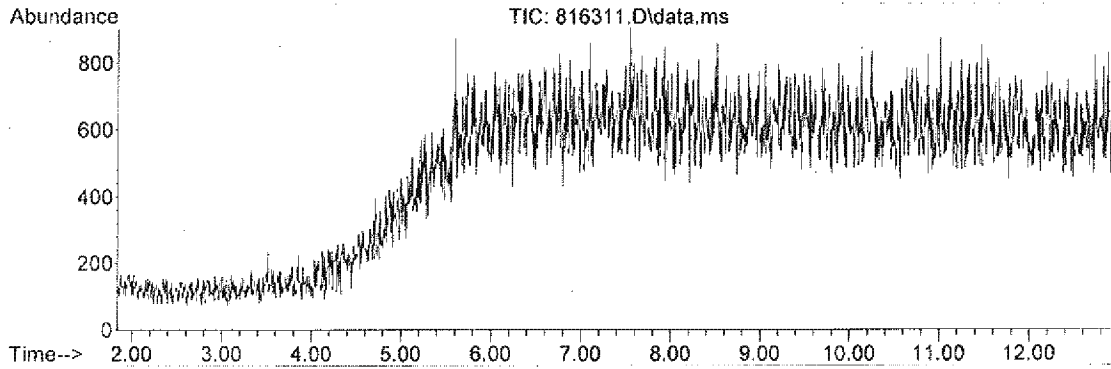
Four pb containing
off white substance.
All pb inside a larger
pb. One pb tested.

PRELIMINARY TESTSSpot TestsCobalt
Thiocyanate (+) + weak / + blue w/ acidMarquis -Froehde's -Mecke's -Microcrystalline TestsGold
Chloride +TLTA (-) + w/ acidOTHER TESTSPRELIMINARY TEST RESULTSRESULTS CocaineDATE 2/2/2012GC/MS CONFIRMATORY TESTRESULTS CocaineMS
OPERATOR KACDATE 2/10/2012

✓KAC
2/27/12

Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816311.D
Operator : KAC
Date Acquired : 7 Feb 2012 11:53
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

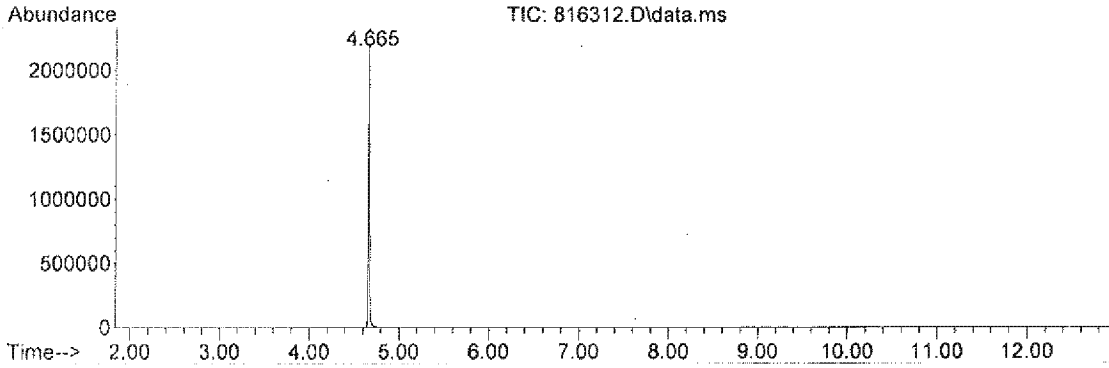


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816312.D
 Operator : KAC
 Date Acquired : 7 Feb 2012 12:09
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 12
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



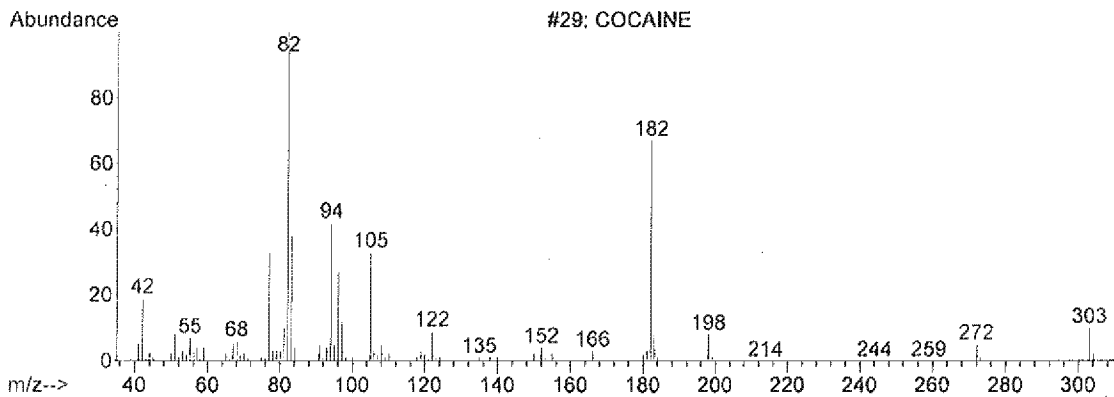
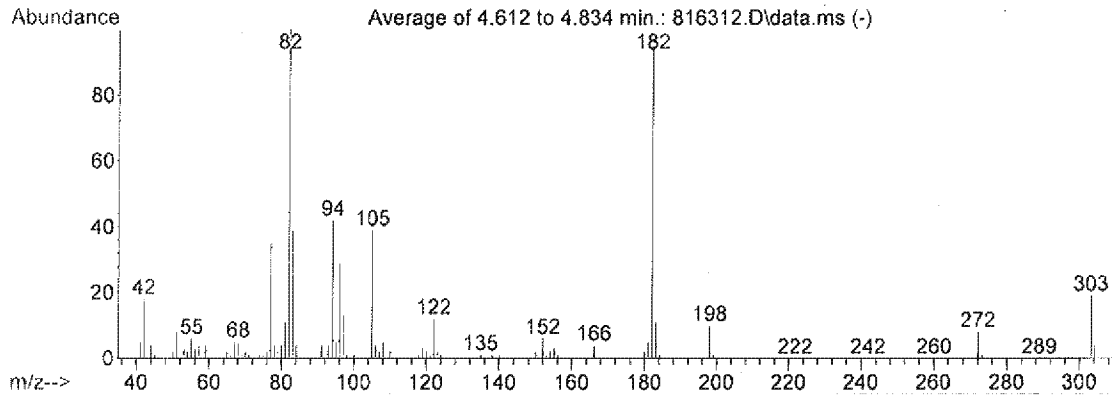
Ret. Time	Area	Area %	Ratio %
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Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816312.D
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Sample Name : COCAINE STD
Submitted by :
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

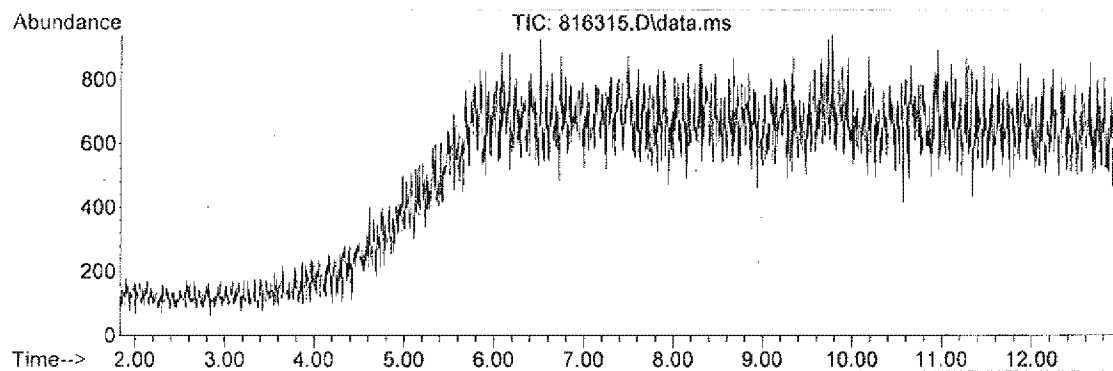
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816315.D
Operator : KAC
Date Acquired : 7 Feb 2012 12:55
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

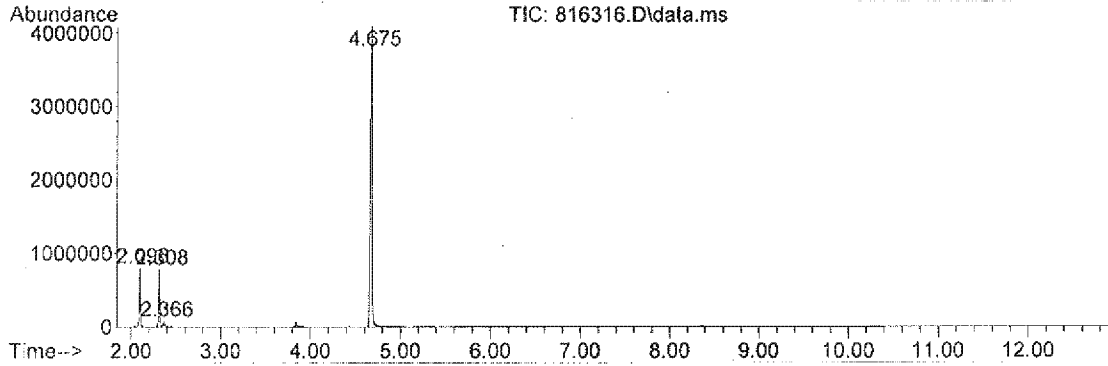


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

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File Name : C:\msdchem\1\System7\02_07_12\816316.D
 Operator : KAC
 Date Acquired : 7 Feb 2012 13:11
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 16
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



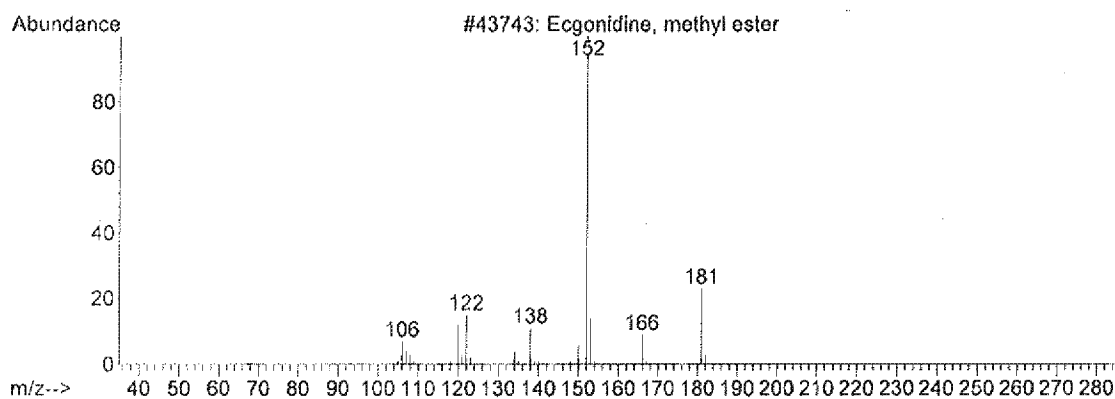
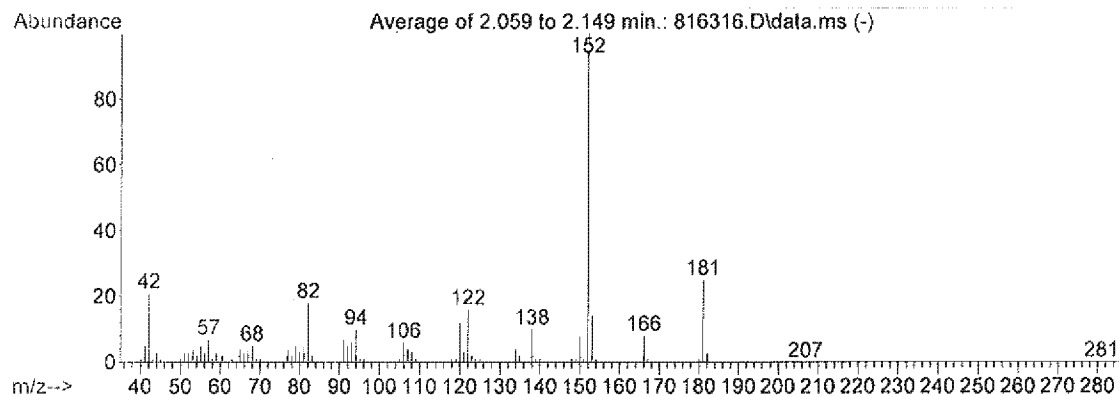
Ret. Time	Area	Area %	Ratio %
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2.308	677771	8.95	11.23
2.366	106394	1.40	1.76
4.675	6037290	79.69	100.00

Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816316.D
Operator : KAC
Date Acquired : 7 Feb 2012 13:11
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.10	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		2,6-Dimethoxytoluene	005673-07-4	47

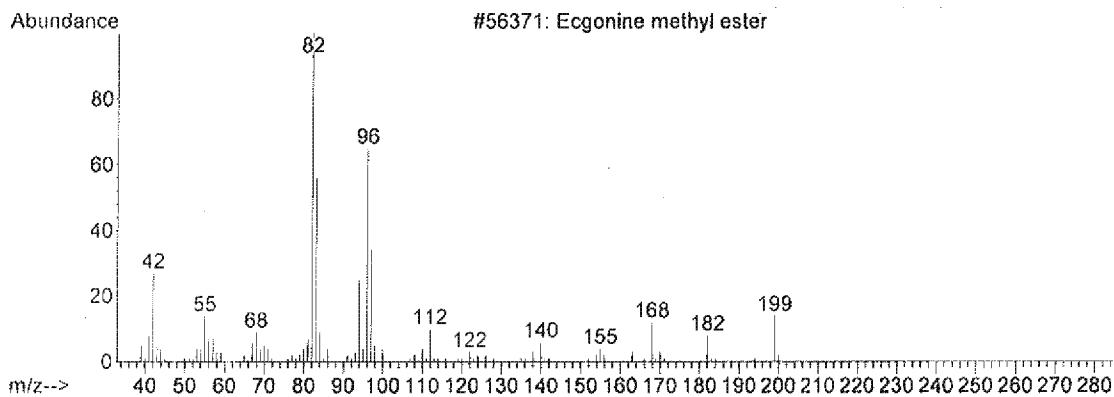
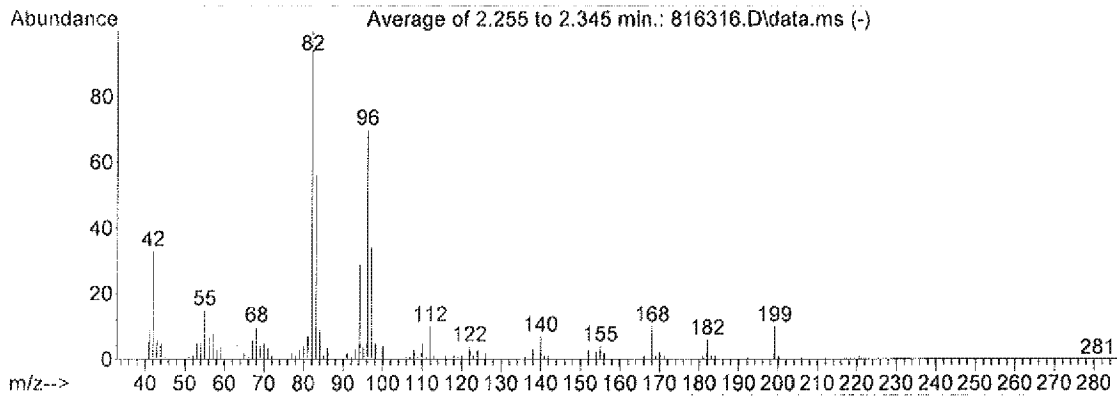


Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816316.D
Operator : KAC
Date Acquired : 7 Feb 2012 13:11
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.31	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98

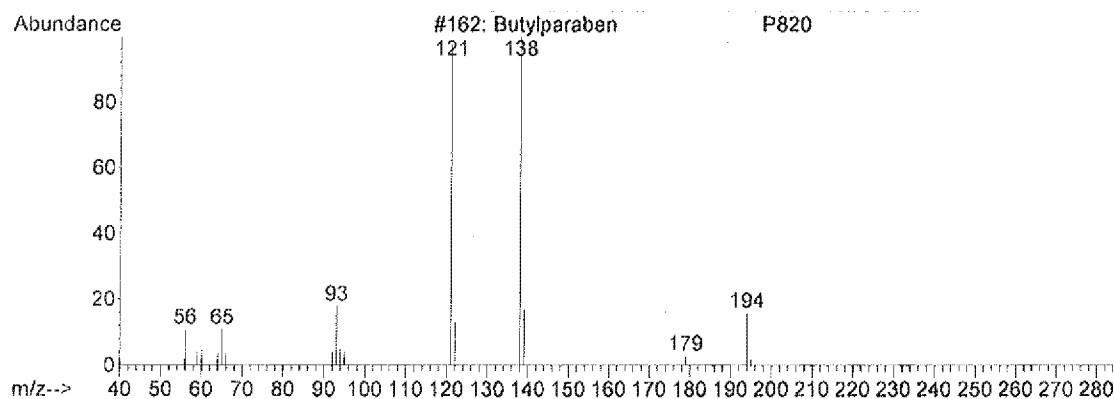
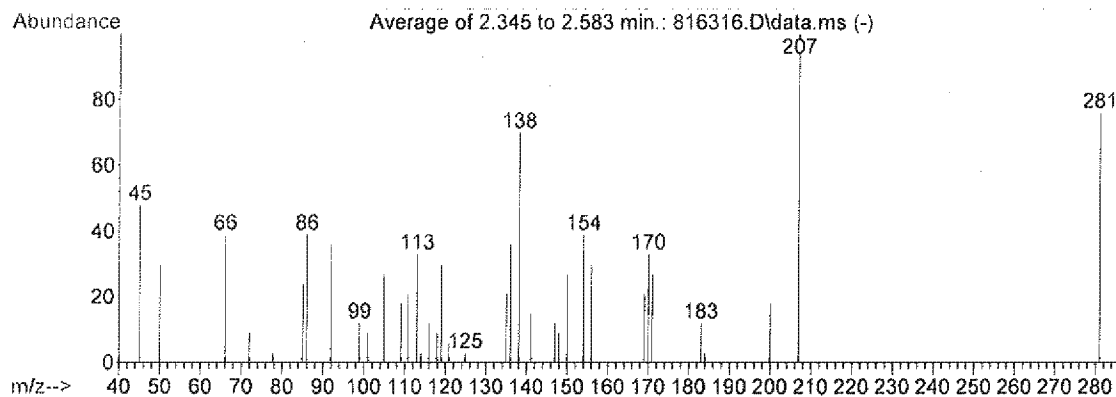


Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816316.D
Operator : KAC
Date Acquired : 7 Feb 2012 13:11
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.37	C:\Database\PMW_TOX2.L		
		Butylparaben	000094-26-8	1
		GC stationary phase (OV-101)	000000-00-0	1
		GC stationary phase (UCC-W-982)	000000-00-0	1

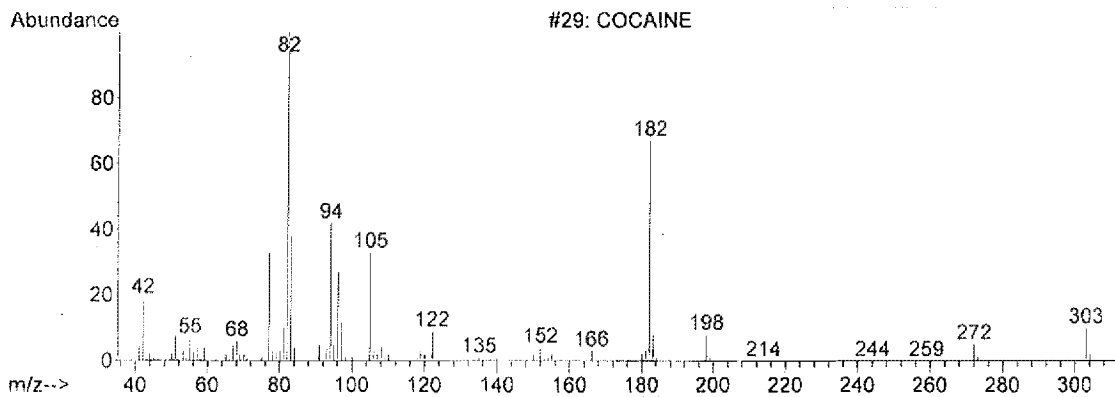
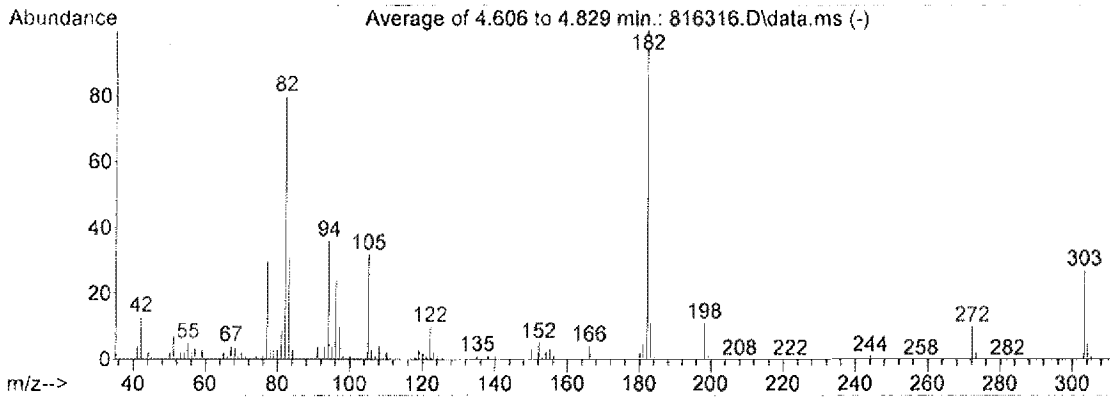


Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816316.D
Operator : KAC
Date Acquired : 7 Feb 2012 13:11
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

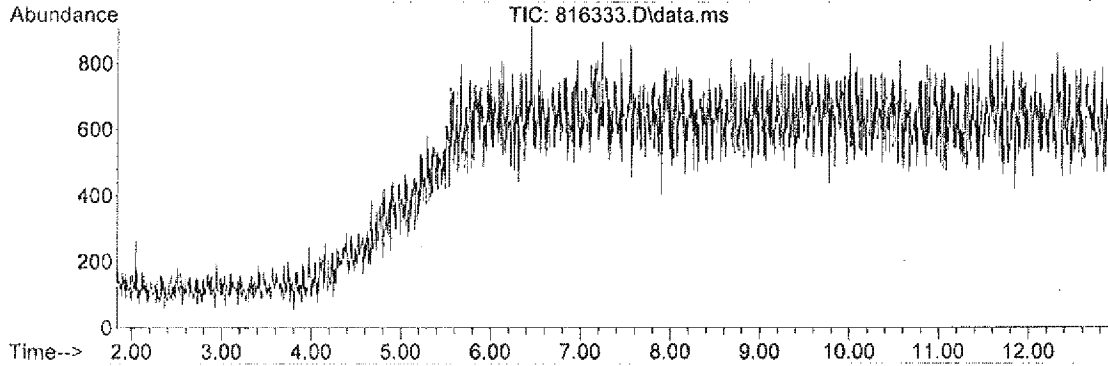
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816333.D
Operator : KAC
Date Acquired : 7 Feb 2012 17:36
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

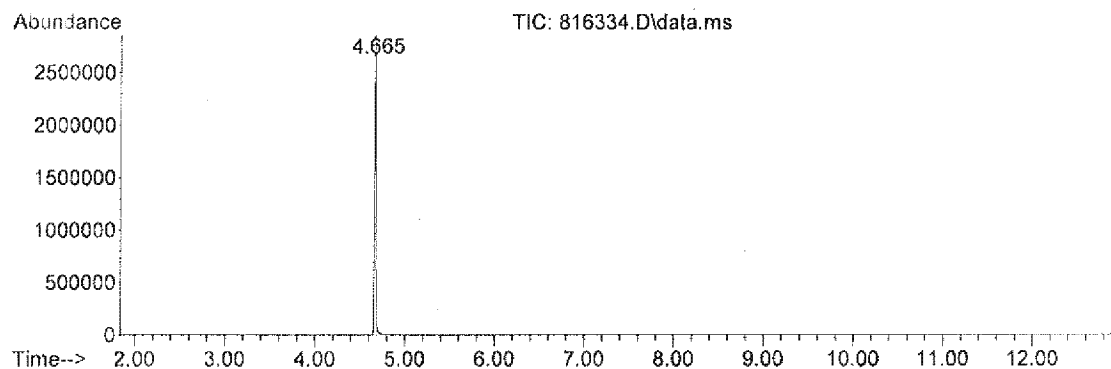


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816334.D
Operator : KAC
Date Acquired : 7 Feb 2012 17:51
Sample Name : COCAINE STD.
Submitted by :
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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4.665	2924803	100.00	100.00
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Information from Data File:

File Name : C:\msdchem\1\System7\02_07_12\816334.D
Operator : KAC
Date Acquired : 7 Feb 2012 17:51
Sample Name : COCAINE STD
Submitted by :
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

